SSC MTS 25th July 2022 Shift-2

English Language

1. **Select the most appropriate meaning of the given idiom.**
   Kill two birds with one stone

A Make peace after an argument

B Face several problems at a time

C Act cordially despite conflict

D To achieve two things by doing a single action

Answer: D

2. **Parts of the given sentence have been given as options. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.**
   When I reached there she have already started eating.

A No error

B When I reached

C there she have

D already started eating

Answer: C

3. **Select the option that will improve the underlined part of the sentence. In case no improvement is needed, select 'No improvement required'.**

   Not everything that happen in natures is due to global warming alone.

A that happening on nature

B which happens in natures

C No improvement required

D that happens in nature

Answer: D

4. **Select the most appropriate meaning of the given idiom.**
   Bite someone's head off

A Respond to someone with anger that is often sudden or unprovoked

B Ignoring something that is evidently wrong or unavoidable

C Cause something to be done in a new way

D Guessing or estimating without full information

Answer: A

5. **Select the most appropriate option to fill in the blank.**
The park is a/an _____ place to stroll and exercise.

A unopen

B doubtful

C ideal

D fussy

Answer: C

6. **Select the most appropriate ANTONYM of the underlined word.**
Instead of unambiguous statements, the Union contents itself with simple analyses.

A Complex

B clear

C Auspicious

D Antiquated

Answer: A

7. **Select the most appropriate option to fill in the blank.**
Students of St. Xavier's _____ away all the prizes.

A bearing

B bore

C borne

D bears

Answer: B

8. **Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.**

The truck picked up more then the usual amount of garbage from our neighbourhood.

A greater then

B more than

C much than

D No improvement required

Answer: B

9. **Select the option that can be used as a one-word substitute for the given group of words.**

   An abbreviation formed from the initial letters of other words and pronounced as a word

A Caption

B Slogan

C Flotilla

D Acronym

Answer: D

10. **Select the most appropriate option to fill in the blank.**
    My mother _____ the maid for her hard work.

A priced

B prized

C praised

D prayed

Answer: C

11. **Select the most appropriate synonym of the given word.**
    Bustle

A Rush

B Praise

C Force

D Block

Answer: A

12. **Select the INCORRECTLY spelt word.**

A Contencious

B Prevaricate

C Refute

D Revere

Answer: A

13. **Parts of the given sentence have been given as options. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.**

    Surgical strike is not the only solution to this problem standing at front of us.

A No error

B Surgical strike is not the

C only solution to this problem

D standing at front of us

Answer: D

14. **Select the most appropriate synonym of the given word.**
Reliable

A Doubtful

B Dependable

C Dubious

D Dodgy

Answer: B

15. **Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.**

In the nineteenth century, many new ideas about education and learning were being emerged.

A was emerging

B have emerging

C No improvement required

D emerged

Answer: D

16. **The following sentence has been divided into parts. One of them may contain an error.**
Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Lucy was annoyed to discover / that her husband / had taking her car keys.

A No error

B that her husband

C Lucy was annoyed to discover

D had taking her car keys

Answer: D

17. **Select the option that will improve the underlined part of the sentence. In case no improvement is needed, select 'No improvement required'.**

I gives him some orange juice from the refrigerator.

A gave him some

B gives him any

C given him some

D No improvement required

Answer: A

18. **Select the most appropriate ANTONYM of the given word.**
Pragmatic

A Prudent

B Aesthetic

C Impractical

D Dull

Answer: C

19. **Select the most appropriate option to fill in the blank.**
The main street, which is neither broad nor _____, runs past this square on its way to the railway-station.

A shallow

B wide

C high

D narrow

Answer: D

20. **Select the option that corrects the misspelt words in the given sentence.**
I should seccure some company for my lonelly hours.

A I should sicure some company for my lonelie hours.

B I should secur some company for my loneley hours.

C I should secoure some company for my lonely hours.

D I should secure some company for my lonely hours.

Answer: D

Instructions [21 - 25]

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Tragedy has once again struck the Valachukettil family of Sooppikkada village in Kerala's Kozhikode district as one more member (1) _____ to the Nipah virus infection on Thursday. District Medical Officer V Jayashree told that V Moosa, 60, who had been (2) _____ treatment at Baby Memorial Hospital in the city, died on May 24 morning. This is the fourth death in the family as Moosa's sons Mohammed Sabith and Mohammed Salih, and sister-in-law Mariyam too had died of the infection (3) _____ May. With this, the death (4) _____ due to the virus infection has gone up to 12. Two persons, whose blood and body fluid samples were (5) _____ positive for

the infection, are undergoing treatment.

21. **Select the most appropriate option to fill in blank no. 1.**

A died

B succumbed

C pioneered

D embezzled

Answer: B

22. **Select the most appropriate option to fill in blank no. 2.**

A working

B managing

C devising

D undergoing

Answer: D

23. **Select the most appropriate option to fill in blank no. 3.**

A through

B on

C in

D for

Answer: C

24. **Select the most appropriate option to fill in blank no. 4.**

A tole

B toll

C scroll

D roll

Answer: B

25. **Select the most appropriate option to fill in blank no. 5.**

A implemented

B supported

C tested

D rested

Answer: C

General Intelligence and Reasoning

26. **In a certain code language, 'life and love' is written as 'ri ti gi', 'life is tangible' is written as 'mi pi ri', and 'love is pure' is written as 'mi gi oi'. How will 'love' be written in that language?**

A gi

B mi

C ti

D oi

Answer: A

27. **Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.**

SUT5 : PRQ11 :: DFE8 : ACB14 :: LNM12 : ?

A IKJ18

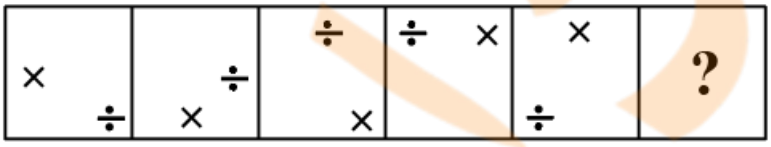
B UWV14

C STU16

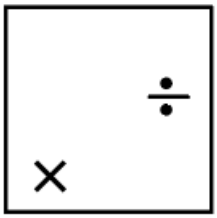
D UVW18

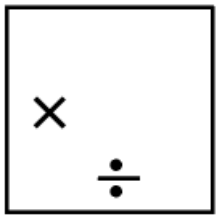
Answer: A

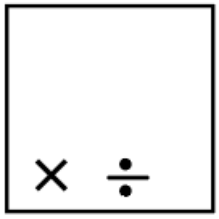
28. **Select the figure from among the given options that can replace the question mark (?) in the following series .**

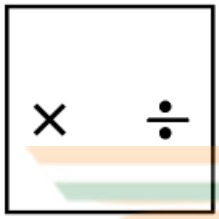


A



B 

C 

D 

Answer: B

29. **In a company, seven employees A, B, C, M, K, L and O work on 7 different levels (1 being the highest and 7 being the lowest level). B is above C and C is above just two employees. There are more than four employees above M. B is one level above A and one level below K. L is at level 7. K is below O.**
How many employees are above A?

A Four

B Two

C Three

D Five

Answer: C

30. **What will be the value of the given expression if 'A' means '+', 'B' means '-', 'C' means '×', and 'D' means '÷'?**

25 B 35 A 12 C 25 D 5 = ?

A 45

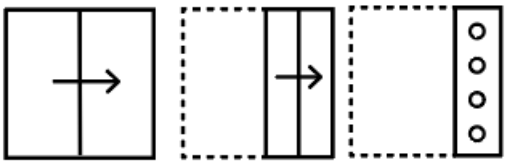
B 50

C 55

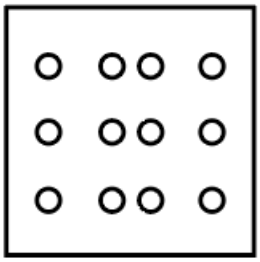
D 40

Answer: B

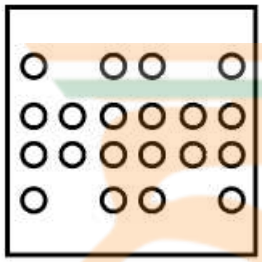
31. **The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?**



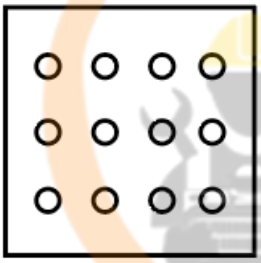
A



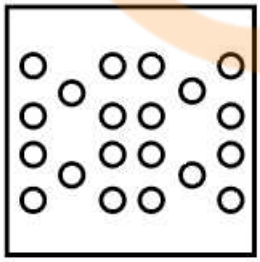
B



C



D



Answer: C

32. **Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.**

PIN : VAX :: RBX : ?

A YUH

B XUH

C XVH

D XTH

Answer: D

33. **In a certain code language, 'Tings are black red' is coded as 'pr 6 @ rm', 'Black yellow creatures' is coded as 'fg rm 9', and 'Hinge are creatures' is coded as '@ lp fg'. What is the code for 'creatures are' in that language?**

A fg pr

B fg rm

C fg @

D lp 9

Answer: C

34. **In a certain code language, 'Phones are burning' is coded as '7 8 3', and 'That coach was burning' is coded as '6 3 2 4'. What can be the code for 'are' in that language?**

A 3

B 2

C 8

D 6

Answer: C

35. **Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.**

Statements:
I. Some X are M.
II. Some D are M.

Conclusions:
I. All X are D.
II. No M is D.
III. Some X are not D.

A Only conclusions II and III follow

B Only conclusion III follows

C All the conclusions follow

D None of the conclusions follow

Answer: D

36. **Select the option in which the two numbers are related in the same way as are the numbers in the given number-pair.**

19 : 57 :: ?

A 23 : 47

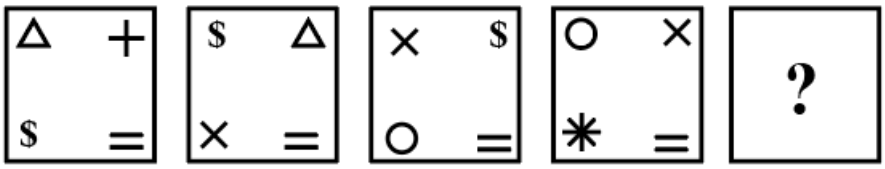
B 31 : 91

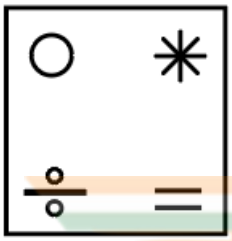
C 29 : 87

D 17 : 47

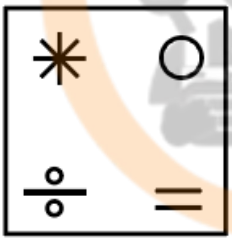
Answer: C

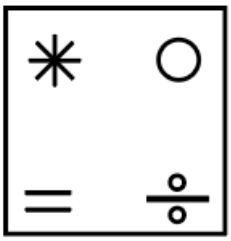
37. **Select the figure from among the given options that can replace the question mark (?) in the following series.**



A 

B

C 

D 

Answer: C

38. **Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.**

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g.13 - Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

12 : 8 :: 28 : 16 :: 6 : ?

A 2

B 3

C 5

D 6

Answer: C

39. **Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.**

Statements:
I. Some tyres are bats.
II. All tyres are laws.

Conclusions:
I. All laws are bats.
II. All bats are tyres.

A Both conclusions I and II follow

B Only conclusion I follows

C Only conclusion II follows

D Neither conclusion I nor II follows

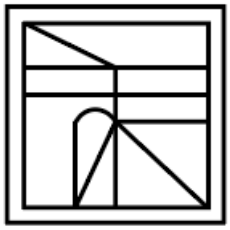
Answer: D

40. **Select the option in which the given figure is embedded.**

A

B

C

D 

Answer: D

41. **In a certain code language, 'WORK' is coded as '67', and 'CUP' is coded as '40'. How will 'KITE' be coded in that code language?**

A 36

B 45

C 38

D 42

Answer: B

42. **Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.**

16 : 45 :: 36 : 105 :: 49 : ?

A 142

B 152

C 147

D 144

Answer: D

43. **Eight boys M, N, O, P, Q, R, S and T are sitting in a row, facing towards the north (but not necessarily in the same order). R is fifth to the right of M. P is fifth to the right of Q. Q is to the immediate right of M. T is third to the left of P. N is third to the right of S. S is an immediate neighbour of M.**
Which of the following statements is/are NOT correct?
I. N is third to the left of R.
II. P is sixth to the right of M.

A Only I

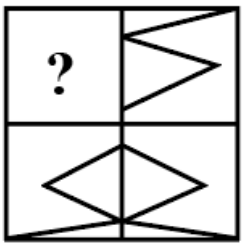
B Both I and II

C Neither I nor II

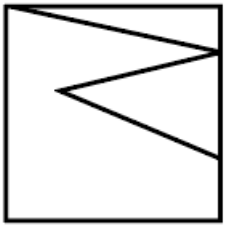
D Only II

Answer: B

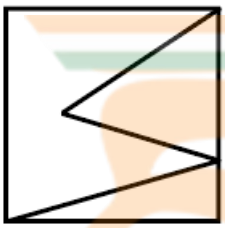
44. **Select the figure from the given options that can replace the question mark (?) and complete the pattern.**



A



B



C

D

Answer: A

45. **Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.**

ABCD, YZEF, WXGH, UVIJ, ?

A STKL

B STLM

C TSKL

D TLSK

Answer: A

46. **Drake, Pawan, Gagan, Laxman are sitting around a circular table facing the centre(but not necessarily in the same order). Drake is to the immediate right of Gagan, and Laxman is exactly between Drake and Pawan. Which of the following is true about the arrangement?**

A Pawan is to the immediate left of Laxman.

B Pawan is to the immediate left of Gagan.

C Drake is to the immediate neighbour of pawan and Gagan.

D Drake is to the immediate left of Pawan.

Answer: B

47. **Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.**

HP : DT :: RX : ?

A MB

B MC

C NC

D NB

Answer: D

48. **Which two numbers should be interchanged to make the given equation correct?**

$5 - 4 \div 2 \times 10 + 7 = 7$

A 10 and 2

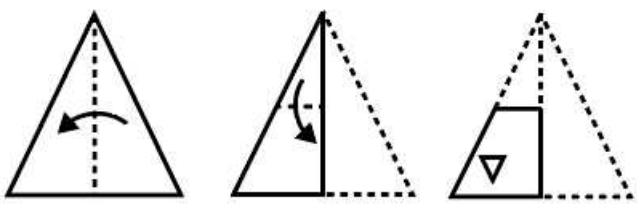
B 5 and 7

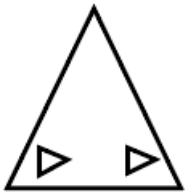
C 5 and 2

D 10 and 5

Answer: D

49. **The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?**



A 

B

C

D

Answer: C

50. **Select the number from among the given options that can replace the question mark (?) in the following series.**

48, 96, 288, 1152, ?, 34560

A 5980

B 5760

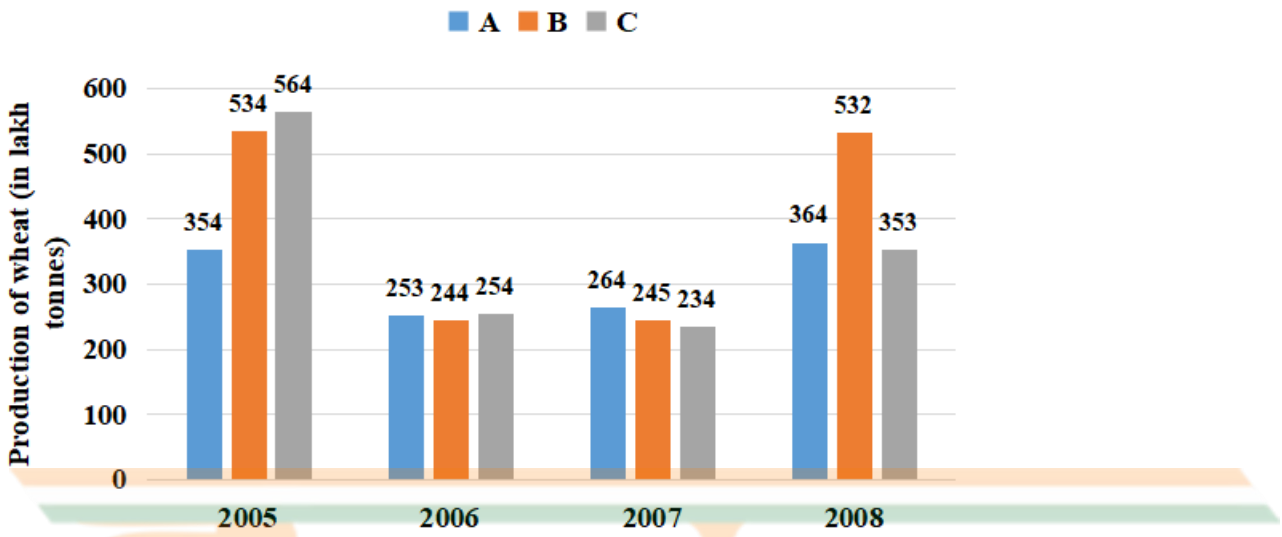
C 5850

D 5720

Answer: B

Numerical Aptitude

51. The following graph shows the production of wheat (in lakh tonnes) by states A, B and C in four consecutive years.



Find the year which shows the maximum aggregate production of wheat.

A 2005

B 2008

C 2006

D 2007

Answer: A

52. Mohit earns a profit of ₹54 on selling a pencil for ₹144. What is the profit percentage?

A 60%

B 35%

C 40%

D 70%

Answer: A

53. The lengths, the breadths, and the volumes of two cuboids are in the ratios of 4 : 5, 3: 4, and 2 . 3, respectively. What is the ratio of their heights?

A 3 : 5

B 10 : 9

C 8 : 15

D 2 : 3

Answer: B

54. When 175 is added to 12.5% of a number, the resultant is the number itself. What is the value of the number?

A 280

B 200

C 240

D 300

Answer: B

55. **An 800-metre-long train can pass a stationary pole completely in 72 seconds. A 1200-metre-long train can also pass a stationary pole completely in 72 seconds. If both the trains are running in the same direction, then the faster train, coming from behind the slower train, can cross the slower train in how much time?**

A 240 seconds

B 360 seconds

C 280 seconds

D 480 seconds

Answer: B

56. **The lengths of the parallel sides of a trapezium are x cm and y cm and the area of the trapezium is $\frac{1}{2}(x^2 - y^2)cm^2$. What is the distance between the parallel sides (in cm)?**

A x - y

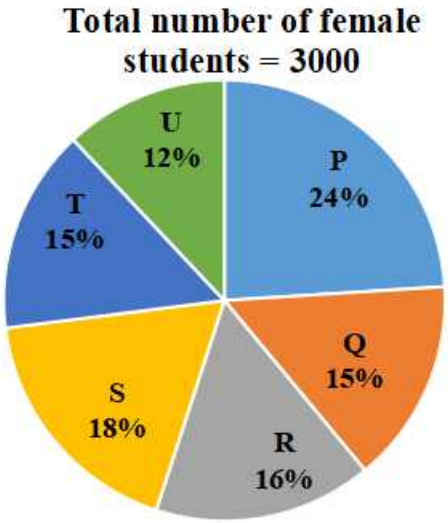
B x + y

C y

D x

Answer: A

57. **Study the given pie-chart and answer the question that follows.**
The pie-chart shows the number of female students in six different colleges P, Q, R, S, T and U, as percentages of the total number of female students in all these six colleges, taken together.



What is the sum of the measures of the central angles of the sectors corresponding to the number of girls in colleges Q and U. taken together?

A 96°

B 108°

C 97.2°

D 86.4°

Answer: C

58. **Select the number that will come in place of the question mark (?) in the following mathematical statement.**
$49 \times 57 - 41 \times 18 = (?)^2 \times 3 + 1380$

A 15

B 21

C 3

D 7

Answer: A

59. **What is the profit percentage of a dishonest cloth merchant who uses a scale which measures $16\frac{2}{3}$% less than what is marked on it, and also sells at a price 10% higher than the cost price?**

A 20%

B 32%

C 26%

D 30%

Answer: B

60. **The following table shows the number of trucks of 6 different brands sold from a showroom during a given period of time.**

Brand	Trucks
B1	45
B2	35
B3	36
B4	44
B5	28
B6	22

There are 8 tyres on each truck, irrespective of the brand of the truck. What is the average number of tyres per brand?

A 280

B 300

C 260

D 240

Answer: A

61. **Radha can complete a piece of work in 3 days, while Raji can complete the same work in 2 days. Both of them complete this work by working together and get ₹150 as total payment for the work done. What is the share of Radha out of the above payment?**

A ₹70

B ₹40

C ₹30

D ₹60

Answer: D

62. **The average marks scored by 8 boys is 72. If the scores of three girls are also included, the average marks increases by 3. The average marks scored by the three girls is:**

A 95

B 83

C 78

D 68

Answer: B

63. **A shopkeeper was offering two successive discounts of 20% and 15% on an item whose marked price is ₹1,000, while another shopkeeper was offering a flat 33% discount on the same item. Find the positive difference in the nominal amounts of discounts given by the two shopkeepers on the sale of the item.**

A ₹10

B ₹900

C ₹90

D ₹100

Answer: A

64. **A bag contains an equal number of 50-paise, 25-paise, 20-paise and 5-paise coins. If the total monetary value of all these coins taken together is ₹55, then how many coins of each type are there?**

A 27

B 55

C 52

D 50

Answer: B

65. **The breadth of a rectangle is 4/5 of the radius of a circle. The radius of the circle is 1/5 of the side of a square, whose area is 625 cm^2. What is the area of the rectangle if the length of rectangle is 20 cm?**

A 150 cm^2

B 60 cm^2

C 100 cm^2

D 80 cm^2

Answer: D

66. **The monthly income of a person was ₹40,000. He used to save 25% of his income. His nominal income increases by 15% and his nominal expenditure increases by 20%. What is the percentage change in his nominal savings?**

A 7.5%

B 0%

C 5%

D 10%

Answer: B

67. **What is the interest payable on ₹12,000 for 3 months at the rate of 10% per annum, if interest is compounded quaterly?**

A ₹250

B ₹200

C ₹300

D ₹350

Answer: C

68. $A = 2^K \times 3^5$ **and** $B = 2^5 \times 3^7$**. If the least common multiple of A and B is** $2^8 \times 3^7$ **, then what is the value of K?**

A 6

B 8

C 9

D 3

Answer: B

69. **Find the value of the interest earned on a sum of ₹6,000 for 5 years at 8.4% simple interest rate per annum .**

A ₹2,520

B ₹2,252

C ₹2,220

D ₹2,250

Answer: A

70. **The value of** $\frac{2}{3} \times \frac{6}{5} \times \frac{10}{4} + \frac{1}{8} - \frac{3}{8}$ **is:**

A $\frac{4}{3}$

B $\frac{3}{4}$

C $\frac{4}{7}$

D $\frac{7}{4}$

Answer: D

71. **18 men can do a piece of work in 20 days. After working for 8 days, they get a notice to complete the work 4 days earlier than originally scheduled. How many more men will be required to be hired to complete the work as per the new schedule?**

A 9

B 12

C 8

D 15

Answer: A

72. P_1 **is the average of all prime numbers below 12 and** P_2 **is the average of all prime numbers between 12 and 30. What is the value of** $5P_1 - P_2$**?**

A 7.8

B 8.6

C 9.8

D 7.5

Answer: A

73. **Find the value of k if 5 : k :: 30 : 42.**

A 8

B 7

C 6

D 9

Answer: B

74. **The sum of 12 numbers is 1080. What is the average of these 12 numbers?**

A 72

B 54

C 90

D 84

Answer: C

75. **Two cities, Delhi and Jaipur, are 360 km apart. A car goes from Delhi to Jaipur at a speed of 80 km/h and returns to Delhi from Jaipur using the same route at a speed of 120 km/h. What is the average speed of the car?**

A 92 km/h

B 84 km/h

C 88 km/h

D 96 km/h

Answer: D

General Awareness

76. **Ustad Amjad Ali Khan Bangash is an Indian classical _____ player.**

A violin

B sarod

C guitar

D sitar

Answer: B

77. **Which Article of the Constitution of India provides protection of life and personal liberty?**

A Article 27

B Article 24

C Article 21

D Article 19

Answer: C

78. **Which of the following is a dark reddish coloured stone used as raw material in aluminium smelting?**

A Mica

B Gypsum

C Bauxite

D Conglomerate

Answer: C

79. **Which of the following metals reacts violently with cold water?**

A Magnesium

B Aluminium

C Zinc

D Potassium

Answer: D

80. **Which of the following is NOT a greenhouse gas?**

A Nitrogen

B Methane

C Carbon dioxide

D Nitrous oxide

Answer: A

81. **Which of the following is NOT a characteristic of Kingdom Fungi?**

A No mechanisms for locomotion

B Multicellular structure

C With a cell wall

D With chloroplasts

Answer: D

82. **Which of the following contains the largest amount of fresh water on earth?**

A Ice caps

B Inland seas

C Atmosphere

D Groundwater

Answer: A

83. **Who led the Battle of Plassey on behalf of the British East India Company?**

A Charles Stuart

B Warren Hastings

C Robert Clive

D James Lancaster

Answer: C

84. **Which of the following is a housing scheme for the rural poor?**

A Pradhan Mantri Jan Dhan Yojana

B Pradhan Mantri Jeevan Jyoti Bima Yojana

C Pradhan Mantri Gramin Awaas Yojana

D Pradhan Mantri Kaushal Vikas Yojana

Answer: C

85. **What is the name of the autobiography of famous Indian cricketer, Yuvraj Singh?**

A Straight from the Heart

B Wings of Fire

C The Race of My Life

D The Test of My Life

Answer: D

86. **Census 2011 was the _____ National Census of India.**

A 11th

B 20th

C 17th

D 15th

Answer: D

87. **Bihu is a folk dance of _____.**

A Bihar

B Arunachal Pradesh

C Assam

D Karnataka

Answer: C

88. **As per the Rigvedic or Early Vedic Period (1500-1000 BC), who among the following was a River Goddess?**

A Agni

B Sindhu

C Arika

D Usha

Answer: B

89. **Babur, the first Mughal emperor, succeeded to the throne of Ferghana in 1494 when he was only _____ years old.**

A 18

B 12

C 15

D 10

Answer: B

90. **The northern plain in India is formed of which soil?**

A Laterite soil

B Arid soil

C Alluvial soil

D Black soil

Answer: C

91. **Khel Nursery Scheme 2022-23 has been launched to promote sports in _____.**

A Haryana

B Uttar Pradesh

C Andhra Pradesh

D Maharashtra

Answer: A

92. **According to the Constitution of India, the executive power of the State shall be vested in the _____.**

A President of India

B Governor of the state

C Chief Minister of the state

D Advocate-General of the state

Answer: B

93. **In which state of India is Khajuraho dance festival celebrated?**

A Nagaland

B Kerala

C Madhya Pradesh

D Tamil Nadu

Answer: C

94. **The Mughal emperor Bahadur Shah Zafar died in _____.**

A 1857

B 1858

C 1862

D 1859

Answer: C

95. **Which of the following persons took over as the Chief of the Air Staff (CAS) in September 2021?**

A Arup Raha

B Manoj Mukund Naravane

C Rakesh Kumar Singh Bhadauria

D Vivek Ram Chaudhari

Answer: D

96. **Who among the following is the recipient of 2021 Abhinandan Saroja National Award by National Institute of Indian Classical Dance?**

A Nalini Asthana

B Aparna Satheesan

C Rashid Khan

D S Ballesh Bhajantri

Answer: B

97. **Deepika Kumari is associated with which sport?**

A Golf

B Chess

C Tennis

D Archery

Answer: D

98. **Who among the following Indian cricketers is also known as 'Master Blaster'?**

A Sachin Tendulkar

B Rahul Dravid

C Mahendra Singh Dhoni

D Kapil Dev

Answer: A

99. **What is the rate of income tax (new regime) payable for financial year 2021-2022, by an individual who is under 60 years of age, and has a net income of less than ₹5 lakhs but more than ₹2.5 lakhs?**

A 10%

B 20%

C 2.5%

D 5%

Answer: D

100. **Dholavira, which was the ancient Harappan site was divided into _____ parts.**

A three

B five

C four

D two

Answer: A